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## The role of neutral hydrogen in the life of galaxies and AGN

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*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2014

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Gereb, K. (2014). *The role of neutral hydrogen in the life of galaxies and AGN: A spectral stacking analysis*. [Thesis fully internal (DIV), University of Groningen]. [S.n.].

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rijksuniversiteit  
 groningen

# The Role of Neutral Hydrogen in the Life of Galaxies and AGN

## A Spectral Stacking Analysis

### Proefschrift

ter verkrijging van de graad van doctor aan de  
Rijksuniversiteit Groningen  
op gezag van de  
rector magnificus prof. dr. E. Sterken  
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op  
vrijdag 26 september 2014 om 14:30 uur

door

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geboren op 4 juli 1986  
Sangeorgiu de Padure, Romania

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ISBN 978-90-367-7268-6

ISBN 978-90-367-7267-9 (electronic version)

I am prepared to go anywhere, provided it be forward.  
- *David Livingstone*

Cover:

Top left: Andromeda galaxy (M31). Credit: Galaxy Evolution Explorer, NASA/JPL-Caltech.

Top right: Hercules A radio galaxy. Credit: NASA, ESA, S. Baum and C. O'Dea (RIT), R. Perley and W. Cotton (NRAO/AUI/NSF), and the Hubble Heritage Team (STScI/AURA).

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